

02-25-02

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. P1406

First Inventor SERGEY LOPATIN

Chemical Solution For Electroplating a
Title Copper-Zinc Alloy Thin Film

Express Mail Label No. EL791171987US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 16]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
- Oath or Declaration [Total Pages 2]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: Examiner _____ Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24,394 <i>(Insert Customer No. or Attach bar code label here)</i>		or <input type="checkbox"/> Correspondence address below
Name	LaRiviere, Grubman & Payne, LLP		
Address	P.O. Box 3140		
City	Monterey	State	California
Country	USA	Telephone	Zip Code 93942
Telephone	(831) 649-8800		
Fax	(831) 649-8835		
Name (Print/Type)	May Lin DeHaan		Registration No. (Attorney/Agent) 42,472
Signature	<i>May Lin DeHaan</i>		Date 02/21/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$)	780.00
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Complete if Known

Application Number	Filed Herewith
Filing Date	Filed Herewith
First Named Inventor	Sergey Lopatin
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	P1406

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
Deposit Account Number
Deposit Account Name

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27
2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	<input type="text" value="740"/>
106 330	206 165	Design filing fee	<input type="text"/>
107 510	207 255	Plant filing fee	<input type="text"/>
108 740	208 370	Reissue filing fee	<input type="text"/>
114 160	214 80	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$) **740.00**

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** = 0	x 0.00 =	0.00
Independent Claims 3	- 3** = 0	x 0.00 =	0.00
Multiple Dependent		=	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) **0.00**

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	<input type="text"/>
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139 130	139 130	Non-English specification	<input type="text"/>
147 2,520	147 2,520	For filing a request for ex parte reexamination	<input type="text"/>
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115 110	215 55	Extension for reply within first month	<input type="text"/>
116 400	216 200	Extension for reply within second month	<input type="text"/>
117 920	217 460	Extension for reply within third month	<input type="text"/>
118 1,440	218 720	Extension for reply within fourth month	<input type="text"/>
128 1,960	228 980	Extension for reply within fifth month	<input type="text"/>
119 320	219 160	Notice of Appeal	<input type="text"/>
120 320	220 160	Filing a brief in support of an appeal	<input type="text"/>
121 280	221 140	Request for oral hearing	<input type="text"/>
138 1,510	138 1,510	Petition to institute a public use proceeding	<input type="text"/>
140 110	240 55	Petition to revive - unavoidable	<input type="text"/>
141 1,280	241 640	Petition to revive - unintentional	<input type="text"/>
142 1,280	242 640	Utility issue fee (or reissue)	<input type="text"/>
143 460	243 230	Design issue fee	<input type="text"/>
144 620	244 310	Plant issue fee	<input type="text"/>
122 130	122 130	Petitions to the Commissioner	<input type="text"/>
123 50	123 50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126 180	126 180	Submission of Information Disclosure Stmt	<input type="text"/>
581 (40)	581 (40)	Recording each patent assignment per property (times number of properties)	<input type="text" value="40.00"/>
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179 740	279 370	Request for Continued Examination (RCE)	<input type="text"/>
169 900	169 900	Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** **40.00**

SUBMITTED BY

Name (Print/Type)	May Lin DeHaan	Registration No. (Attorney/Agent)	42,472	Telephone	831-649-8800	Complete (if applicable)
Signature	<i>May Lin DeHaan</i>			Date	02/21/02	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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"Express Mail" mailing label number: EL7911711987US

Date of Deposit: February 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, Washington D.C. 20231.

Typed or Printed Name of Person Mailing Paper or Fee: Patricia Aguillon

Signature:



PATENT
Docket No. P1406

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SERGEY LOPATIN

SERIAL NO.: TO BE ASSIGNED

FILED: FILED HEREWITH

FOR: CHEMICAL SOLUTION FOR ELECTROPLATING A COPPER-ZINC ALLOY THIN FILM

**BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

TRANSMITTAL LETTER

Dear Sir:

In connection with the above-referenced matter, transmitted herewith are the following:

1. Utility Patent Application Transmittal (1 page);
2. Application Data Sheet 37 C.F.R. 1.76 (1 page);
3. Specification (9 pages), Claims (5 pages), and Abstract (1 page);
4. Formal Drawings (3 sheets, 3 figures);
5. Declaration and Power of Attorney for Patent Application (2 pages);
6. Request and Certification under 35 U.S.C.122(b)(2)(B)(i) (1 page);

7. Recordation Form Cover Sheet (1 page);
8. Assignment Agreement (2 pages);
9. Fee Transmittal (1 page);
10. Check No. 4711 in the amount of \$740.00 for basic application fee;
11. Check No. 4712 in the amount of \$40.00 for recordation fee; and
12. Post Card in acknowledgment of all transmitted materials.

CLAIMS AS FILED BY A LARGE/SMALL ENTITY

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE \$740.00
TOTAL CLAIMS	20-20=	0	x \$18.00	0.00
INDEPENDENT CLAIMS	3-3=-0	0	x \$84.00	0.00
ANY MULTIPLE CLAIMS	0		0	
SURCHARGE				.00
TOTAL FILING FEE				\$740.00

Please date-stamp the enclosed postcard and return same to the undersigned in acknowledgment of receipt of all transmitted material.

Respectfully submitted,

May Lin DeHaan
Reg. No. 42,472

MLD/sgs
February 21, 2002
LARIVIERE, GRUBMAN & PAYNE
Post Office Box 3140
Monterey, CA 93942
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PTO/SB/35 (11-00)

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U.S. Patent and Trademark Office, U. S. DEPARTMENT OF COMMERCE

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REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	SERGEY LOPATIN
Title	Chemical Solution For Electroplating a Copper-Zinc Alloy Thin Film
Atty Docket Number	P1406

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

02/21/02

Date

May Lin DeHaan

Signature

May Lin DeHaan, Reg. No. 42,472

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.